

IN THE CLAIMS:

The claim listing of this Amendment replaces all subsequent claim listings. Please cancel claims 1-28 and add new claims 29-52 as follows:

Claims 1-28 (canceled)

1           Claim 29. (new) An input method comprising:  
2           one or more users having browsers for accessing a server based in  
3           a network,  
4           at least one of said users inputting characters by accessing said  
5           server via one of said browsers;  
6           connecting to said server via said browser;  
7           downloading an applet from said server, in which said applet has  
8           a dynamic user interface generator, an input method selecting interface  
9           module, and a network interface module;  
10          selecting proper language and input method by using said input  
11          method selecting interface module, and sending selected information to  
12          said server;  
13          sending by said server an input interface layout to said client  
14          according to selected information;  
15          generating by said dynamic user interface generator a user  
16          interface based on the input interface layout;  
17          inputting characters via said generated user interface and  
18          sending said characters to said server;  
19          recognizing by said server the received characters, and sends the  
20          recognized results to the client; and  
21          displaying the results in the input interface of the client.

1           Claim 30. (new) The input method according to claim 29,  
2           characterized in that:  
3           the step of said server sending an input interface layout to said  
4           client according to selected information further includes:  
5           an input user interface loader in the server reads one or more  
6           user interface information from an input method engine pool, according  
7           to the selected one ore more input method, and then configures the  
8           appropriate input user interface layout.

1           Claim 31. (new) The input method according to claim 29,  
2           characterized in that: the step of said server recognizing the received  
3           characters, and sending the recognized results to the client further

4 includes:  
5 a user profile manager stores and manages information sent from  
6 different clients;  
7 an operation manager selects an input method engine from an input  
8 method engine pool to recognize the input characters;  
9 a communicator sends the recognized result to the client.

1 Claim 32. (new) The input method according to claim 31,  
2 characterized in that:  
3 further comprising the step: a balance scheduler allocates the  
4 user requests to a plurality servers.

1 Claim 33. (new) The input method according to claim 32,  
2 characterized in that:  
3 the information sent from the client is stored in the user  
4 profile which has a history area for storing previous recognized  
5 candidates, and a current input area for storing the candidates of the  
6 current recognizing characters.

1 Claim 34. (new) The input method according to claim 33,  
2 characterized in that: further comprising the step: a multi-input  
3 method combiner in the server combines the different recognized  
4 candidates of different input methods.

1 Claim 35. (new) The input method according to claim 34,  
2 characterized in that: said multi-input method combiner obtains the  
3 recognized results by intersecting the recognized candidates of  
4 different input methods.

1 Claim 36. (new) The input method according to claim 34,  
2 characterized in that: further comprising the step: a postprocessor  
3 based on language model in the server forecasts the recognizing  
4 character based on the recognized candidates.

1 Claim 37. (new) An input system based on a network, said network  
2 comprises at least one server and one or more clients the input system  
3 comprising:

4 one or more browsers for accessing said server by the clients,  
5 the browsers configured to download an applet from the server to input  
6 characters and to display the results; and

7 said server comprising:

8 a communicator for sending and receiving data to/from the

9     client;  
10             a user profile manager for storing and managing information  
11     of different clients;  
12             an input method engines pool for storing different input  
13     method engines of different languages; and  
14             an operation manager for selecting an appropriate input  
15     method engine based on the selected language and selected input method,  
16     and for sending the input characters to be recognized to the engine.

1             Claim 38. (new) The input system according to claim 37,  
2     characterized in that:

3             said applet includes:

4                 an input method selecting interface module for selecting language  
5     and input method; a dynamic user interface generator for dynamically  
6     generating an input user interface;

7                 a data encoder for compressing the input information; a network  
8     interface module for sending and receiving data to/from the server.

1             Claim 39. (new) The input system according to claim 37,  
2     characterized in that: said data encoder has an input method based code  
3     compressor for allocating different parameters of compressing algorithm  
4     to different input methods.

1             Claim 40. (new) The input system according to claim 39,  
2     characterized in that:

3             said server further has a balance scheduler to allocate the user  
4     requests to a plurality of servers and to balance the computing loads  
5     of the servers.

1             Claim 41. (new) The input system according to claim 39,  
2     characterized in that said communicator includes:

3                 a receiver for receiving the information sent from the client to  
4     the server;

5                 a decryptor/encryptor for decrypting and encrypting the  
6     information received or sent out; and

7                 a user identification component for reading the user id from the  
8     information deciphered.

1             Claim 42. (new) The input system according to claim 37,  
2     characterized in that: said user profile manager includes:

3                 one or more user profiles for storing the user id information,

4 the language selection and the input method selection, and the data  
5 sent from the client, said profile is further divided into two parts: a  
6 history area for storing previous recognized candidates, a current  
7 input area for storing current recognized candidates;  
8 an input tracking daemon for extracting all the input received  
9 from the client;  
10 an output generator for taking the results from the profile.

1 Claim 43. (new) The input system according to claim 37,  
2 characterized in that:  
3 said operation manager includes:  
4 a language id module for getting the language the user is now  
5 using from the user profile;  
6 a method selector for getting the method the user is now using  
7 from the user profile;  
8 a operation managing unit for selecting an input method engine  
9 from the input method engine pool based on the output of the language  
10 id module and the method selector to recognize the input character;  
11 an input user interface loader for reading input user interface  
12 configuration information from the input method engines pool based on  
13 the selected method, and for configuring the input user interface  
14 layout.

1 Claim 44. (new) The input system according to claim 42,  
2 characterized in that:  
3 the operation managing unit further includes a combiner, for  
4 deciding whether the user selects multi-methods and for getting  
5 combined candidates of different selected methods if the user selects  
6 multi-methods.

1 Claim 45. (new) The input system according to claim 42,  
2 characterized in that:  
3 the input method engines pool includes:  
4 a plurality of input method engines for recognizing the input  
5 characters;  
6 a multi-input combiner, for combining the candidates of different  
7 methods if the user selects multi-methods to input characters; a  
8 postprocessor based on language model, for forecasting the recognizing  
9 character based on the previous recognized candidates.

1           Claim 46. (new) The input system according to claim 45,  
2   characterized in that the input method engines include:  
3           handwriting recognition engine for recognizing the handwriting  
4   input information;  
5           speech recognition engine for recognizing the speech input  
6   information; and  
7           code-based recognition engine for recognizing the input character  
8   by matching.

1           Claim 47. (new) An article of manufacture comprising a computer  
2   usable medium having computer readable program code means embodied  
3   therein for causing an input method based on a network, the computer  
4   readable program code means in said article of manufacture comprising  
5   computer readable program code means for causing a computer to effect  
6   the steps of claim 29.

1           Claim 48. (new) A program storage device readable by machine,  
2   tangibly embodying a program of instructions executable by the machine  
3   to perform method steps for an input method based on a network, said  
4   method steps comprising the steps of claim 29.

1           Claim 49. (new) A computer program product comprising a computer  
2   usable medium having computer readable program code means embodied  
3   therein for causing an input method based on a network, the computer  
4   readable program code means in said computer program product comprising  
5   computer readable program code means for causing a computer to effect  
6   the functions of claim 37.

1           Claim 50. (new) An input method comprising:  
2           inputting characters by accessing a server via a browser;  
3           connecting to said server via said browser;  
4           downloading an applet from said server, in which said applet has  
5   at least one of: a dynamic user interface generator, an input method  
6   selecting interface module, and a network interface module;  
7           selecting a proper language, and sending selected information to  
8   said server, said server sending an input interface layout to said  
9   client according to selected information, said dynamic user interface  
10   generator generating a user interface based on the input interface  
11   layout;  
12           inputting characters and sending said characters to said server,  
13   said server recognizing the received characters, and sending the

14 recognized results to the user; and  
15 displaying the results for said user.

1 Claim 51. (new) An article of manufacture comprising a computer  
2 usable medium having computer readable program code means embodied  
3 therein for causing an input method, the computer readable program code  
4 means in said article of manufacture comprising computer readable  
5 program code means for causing a computer to effect the steps of claim  
6 50.

1 Claim 52. (new) A program storage device readable by machine,  
2 tangibly embodying a program of instructions executable by the machine  
3 to perform method steps for an input method, said method steps  
4 comprising the steps of claim 50.